

- Title:** Water quality test and site selection for suitable species for seaweed farm in east coast of Malaysia
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- Abstract:** Algae are organisms that grow in aquatic environments that use the light and carbon dioxide (CO₂) to create biomass. Macro algae are larger algae that can grow in a variety of ways. Algae can be explored for a variety of other uses such as biofuels, fertilizer and pollution control. In addition, algae can also be used for reducing the emissions of CO₂ from power plants. CO₂ produced by the power plant could be utilized as a carbon source for algal growth, and the carbon emissions would be reduced by recycling waste CO₂ from power plants into clean-burning biodiesel. This paper describe native species identification of macro algae species at Setiu, the study hope to select Setiu as potential site for the cultivation of identified species.